

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	"7083937"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 10:52
L2	122	("20020122793" "20020128225" "20020169143" "20030008820" "20030099628" "20030191587" "20040091471" "20040091472" "20040092037" "20040197933" "20040204869" "20050037376" "20050214276" "20050227320" "20050233402" "20050233419" "20060024664" "20060057638" "20060067927" "20060067928" "20060078959" "20060083711" "20060105430" "20060127950" "20060154894" "20060177885" "20060177910" "20060177911" "20060182734" "20060183713" "20060183891" "20060292130" "20060292655" "20060292673" "20070004012" "20070020243" "20070065424" "20070065921" "20070066769" "20070148157" "20070148158" "20070148740" "20070161073" "20070202563" "20070224670" "20080071148" "20080278164" "20080301178" "20090045811" "20090081635" "20090105463" "20090119027" "20090156477" "6869789" "6962699" "7056504" "7083937" "7105334" "7110889" "7117100" "7129335" "7139666" "7247445" "7270815" "7390633" "7396824" "7399604" "7412332" "7429474" "7455986" "7504247" "7507570" "7508206" "7553950" "7560106" "7585642").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 10:52
S1	828	coagulation adj disorder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:23
S2	288	(coagulation adj disorder) and heparin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 13:40
S3	40	(coagulation adj disorder) same heparin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 13:43

## EAST Search History (Prior Art)

S4	16	(coagulation adj disorder) same allergy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 13:44
S5	115	heparin same allergy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 13:45
S6	0	\$inflammatory same allergy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 13:46
S7	4603	\$inflammatory same allergy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 13:46
S8	1133	\$inflammatory same heparin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 13:47
S9	588	angiogenic same heparin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 14:40
S10	395	(coagulation adj disorder) same treatment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 14:40
S11	0	((coagulation adj disorder) same treatment) same aspirin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 14:40
S12	83	((coagulation adj disorder) same treatment) same method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/07 14:41
S13	2249	514/54.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:15

## EAST Search History (Prior Art)

S14	284	514/55.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:15
S15	549	514/56.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:15
S16	450	514/57.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:15
S17	578	514/58.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:15
S18	311	514/59.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:16
S19	296	514/60.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:16
S20	235	514/61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:16
S21	3845	514/54.ccls. 514/55.ccls. 514/56.ccls. 514/57.ccls. 514/58.ccls. 514/59.ccls. 514/60.ccls. 514/61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:16
S22	715	(514/54.ccls. 514/55.ccls. 514/56.ccls. 514/57.ccls. 514/58.ccls. 514/59.ccls. 514/60.ccls. 514/61.ccls.) and (coagulation anticoagulant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:16
S23	151	((514/54.ccls. 514/55.ccls. 514/56.ccls. 514/57.ccls. 514/58.ccls. 514/59.ccls. 514/60.ccls. 514/61.ccls.) and (coagulation anticoagulant)) and micron	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:17

## EAST Search History (Prior Art)

S24	1	((514/54.ccls. 514/55.ccls. 514/56.ccls. 514/57.ccls. 514/58.ccls. 514/59.ccls. 514/60.ccls. 514/61.ccls.) and (coagulation anticoagulant)) and micron) and inhale	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 14:17
S25	65	((514/54.ccls. 514/55.ccls. 514/56.ccls. 514/57.ccls. 514/58.ccls. 514/59.ccls. 514/60.ccls. 514/61.ccls.) and (coagulation anticoagulant)) and micron) and inhal\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 17:50
S26	2	"5985309".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 17:50
S27	2	"4551296".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 15:57
S28	35	"4830013".pn. "4928694".pn. "5453171".pn. "5569336".pn. "5607859".pn. "5687090".pn. "5752019".pn. "5759767".pn. "5767269".pn. "5952653".pn. "5990097".pn. "5993846".pn. "6190875".pn. "6268146".pn. "6291439".pn. "6309853".pn. "6333051".pn. "6597996".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 15:59
S29	37	S27 S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 17:09
S30	2	"5626871".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 17:12
S31	2	"5629011".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 17:17
S32	2	"4679555".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:06
S33	3	unformulated near3 polysaccharide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:09

## EAST Search History (Prior Art)

S34	3	unformulated near5 polysaccharide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:09
S35	3	unformulated same polysaccharide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:10
S36	31	unformulated near3 composition	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:21
S37	0	"199632149"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:21
S38	0	wo9632149	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:21
S39	1	"1996032149"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:22
S40	0	"199632149"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:22
S41	1	"1996032149"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:23
S42	3	wo96/32149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:24

## EAST Search History (Prior Art)

S43	0	S42 and hsa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:24
S44	721	hsa same carrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:24
S45	0	S44 same polysaccharide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:24
S46	0	S44 same polysacharride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:24
S47	0	S44 and polysacharride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:24
S48	24	S44 same polysaccharide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:26
S49	2	"4679555".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:33
S50	0	"5626871".pn. and hrparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:33

## EAST Search History (Prior Art)

S51	0	"5626871".pn. and heparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:39
S52	2	"5629011".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:47
S53	3	ground adj heparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:48
S54	13	heparin near3 ground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/19 18:50
S55	31	glycosaminoglycan near3 ground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 13:09
S56	27	(prevent same angiogenesis).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 15:35
S57	0	"199735562"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 15:35
S58	0	"1997035562"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 15:35

## EAST Search History (Prior Art)

S59	753	illum and polysaccharide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 15:36
S60	274	S59 and microsphere	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 15:36
S61	64	S60 and watts	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 15:37
S62	41	S61 and pulmonary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 15:37
S63	36	S62 and surfactant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 15:37
S64	1	(WO-9735562-\$).did.	EPO	OR	OFF	2004/05/21 15:38
S65	0	S64 and surfactant	EPO	OR	OFF	2004/05/21 15:48
S66	4	heparin same (water adj soluble)	EPO	OR	OFF	2004/05/21 16:10
S67	1	polyglucosamine	EPO	OR	OFF	2004/05/21 16:10
S68	133	polyglucosamine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 16:10
S69	2	S68 same heparin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 16:39



## EAST Search History (Prior Art)

S70	1	S64 and delivery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 17:03
S71	1	"5629011".pn. and surfactant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 17:04
S72	197	microsphere same micron same surfactant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 17:04
S73	0	S72 same puilmonary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 17:04
S74	0	S72 same pulmonary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 17:04
S75	16	S72 and pulmonary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/21 17:04
S76	1257	heparin adj like	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 15:48
S77	105	S76 adj glycosaminoglycan	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 15:48
S78	13	S77.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 15:49

## EAST Search History (Prior Art)

S79	0	S77 same microparticle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 15:49
S80	0	S77 same paticle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 15:49
S81	1	S77 same particle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 15:49
S82	1744	method same produce same (therapeutic adj effect)	US-PGPUB; USPAT	OR	ON	2006/07/21 12:30
S83	63	S82.clm.	US-PGPUB; USPAT	OR	ON	2006/07/21 12:31
S84	0	method same pruding same therazpeutic adj effect	US-PGPUB; USPAT	OR	ON	2006/07/21 12:31
S85	0	method same pruding same (therazpeutic adj effect)	US-PGPUB; USPAT	OR	ON	2006/07/21 12:31
S86	0	method same producing same (therazpeutic adj effect)	US-PGPUB; USPAT	OR	ON	2006/07/21 12:31
S87	403	method same producing same (therapeutic adj effect)	US-PGPUB; USPAT	OR	ON	2006/07/21 12:31
S88	30	S87.clm.	US-PGPUB; USPAT	OR	ON	2006/07/21 12:31
S89	1	"7083937"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 11:43
S90	118	heparin adj like adj glycosaminoglycan	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 07:54
S91	41	hlgag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 07:54
S92	122	S90 S91	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 08:05

## EAST Search History (Prior Art)

S93	1436	heparin same diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 08:06
S94	22	heparin near3 diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 08:21
S95	0	"199735562"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 08:21
S96	0	wo9735562	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 08:21
S97	150	illium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 08:22
S98	1757	illum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 08:22
S99	1094	S98 and polysaccharide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 08:22
S10 0	0	S99 and micron	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 08:22
S10 1	309	S99 and micron	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 08:32
S10 2	16	heparin same (grind grinder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 09:17

## EAST Search History (Prior Art)

S10 3	2	"7056504"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 09:26
S10 4	17	S90.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 09:56
S10 5	1284	method same producing same therapeutic same effect	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 09:56
S10 6	73	S105.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 10:15
S10 7	2	"6911436".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/04 10:15
S10 8	18	heparin same diameter same pulmonary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:26
S10 9	0	glycosaminoglycan same diameter same pulmonary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:26
S11 0	172	glycosaminoglycan same diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:26
S11 1	0	S110 same administer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:26
S11 2	2	S110 same administered	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:28

## EAST Search History (Prior Art)

S11 3	1	heparin same seive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:28
S11 4	141	heparin same sieve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:30
S11 5	0	S114 same diamter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:28
S11 6	7	S114 same diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:28
S11 7	22	heparin same sieved	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:39
S11 8	7	"6235725"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 12:39
S11 9	2197	514/54.ccls.	US-PGPUB	OR	ON	2009/06/15 10:38
S12 0	456	514/56.ccls.	US-PGPUB	OR	ON	2009/06/15 10:38
S12 1	2504	S119 S120	US-PGPUB	OR	ON	2009/06/15 10:38
S12 2	987	S121 and (diameter micron)	US-PGPUB	OR	ON	2009/06/15 10:39

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Defa ult Oper ator	Plurals	Time Stamp
L3	2334	514/54.ccls.	US-PGPUB; UPAD	OR	ON	2009/11/09 11:04
L4	485	514/56.ccls.	US-PGPUB; UPAD	OR	ON	2009/11/09 11:05